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Vision:

To be centre of excellence in education, research and technology transfer in the field of computer engineering and promote entrepreneurship and ethical values.

Mission:

To foster an open, multidisciplinary and highly collaborative research environment for producing world-class engineers capable of providing innovative solutions to real-life problems and fulfil societal needs.



FACULTY UPDATES

Faculty members pursuing Ph.D.

1. Ms. Deepti Gupta
2. Mr. Saurabh Rastogi
3. Mr. Ashish Sharma
4. Ms. Sudha Narang
5. Ms. Ruchi Goel
6. Ms. Divya Arora
7. Mr. Yogesh Sharma
8. Ms. Ankita Gupta
9. Ms. Neetu Garg
10. Mr. Moolchand Sharma
11. Ms. Perna Sharma

HISTORY OF DEPARTMENT

The Computer Science and Engineering Department was established in the year 1999 under GGSIP University with an intake of 60 students. The intake was subsequently increased to 120 and at present has intake of 240 students.

Department is committed to achieve excellence in technical education & research and assesses the success of its programs using the highest standards of quality. A group of well qualified, experienced and highly motivated faculty is engaged in providing quality education to the future computer engineer and prepare the students in wider field of Computer Engineering to take up challenging jobs in the area of Systems Software Development, Application Software Development and Computer Networking. Since its inception, the department has been the first choice of the students seeking admission in the private Engineering Institutes under GGSIP University. Graduates from the department are heavily recruited by both academia and industry, and ex-students of the department occupy top positions in both academia and industry all over the world.

DEPARTMENT

INTAKE

FIRST SHIFT – 180

SECOND SHIFT - 60

Congratulations to Dr. Sandeep Tayal for completing his PhD in IT with thesis title "Smart City Ranking Based on Big Data" from DELHI TECHNOLOGICAL UNIVERSITY.



Department of Computer Science & Engineering commits to work towards developing Engineers with a rich blend of competent, technical, managerial and social skills and contribute to nation building. Department places emphasis on all the important aspects of computers such as Computer Networks, Mobile Communication, Algorithm Design, Operating System, Advanced Database Systems, Theory of Computation, Computer Graphics and many more. Department takes the initiative to improve the soft skills, analytical capabilities and verbal communication of the students so that they can face the competition in the corporate world confidently. To meet the objectives, department pays special emphasis on teaching and hands on practical work.

Students exhibit their innovative ideas, skills and potentials as final year projects and have won many awards at University level. The excellent infrastructure, experienced team of faculty dedicates to strengthen effective teaching learning process ensuring quality education.

We believe that this approach to teaching-learning, coupled with practical experience gained during Industrial Training in reputed organizations, equips our students to handle the challenges posed by the IT industry. Students of Computer Science and Engineering are placed with top IT companies. We as a team resolve to take the Department to heights of success and glory and prepare for the forthcoming challenges.

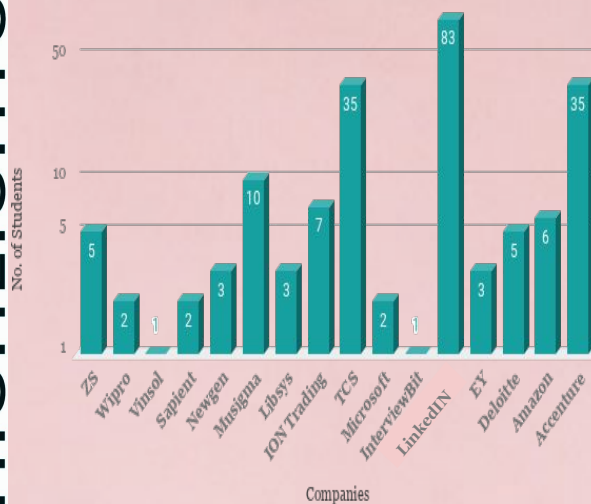
Prof. Namita Gupta HOD CSE

PLACEMENT DETAILS (Batch 2016-2021) Till July 2020

SMART INDIA HACKATHON

Name and Roll Number	Company	Package
Aman Kumar, 00814802716	Microsoft	43 LPA
Swati Singh, 20814802716	Microsoft	43 LPA
Sanket Singh, 20414802716	Linkedin	43 LPA
Akshat Kishore, 41096402716	Amazon	17 LPA
Ayush Kumar Tripathi, 43914802716	Amazon	17 LPA
Gaurav Aggarwal, 04014802716	Amazon	17 LPA
Neeraj Joshi, 06514802716	Amazon	27 LPA
Neha Vij, 20114802716	Amazon	17 LPA
Vipin Bhardwaj, 11314802716	Amazon	27 LPA

HIGHLIGHTS



Internal SIH Hackathon was organized by MAIT on 21st January 2020.

Prof. Pravin Chandra and **Prof. Udayan Ghose** from USICT were invited as judges to select students for representing MAIT in Smart India Hackathon 2020. More than **120 teams** participated in the hackathon in software and hardware edition. 15 teams qualified the internal SIH hackathon.

Team Name	Team Leader	Edition
BABYGOTHACK	Harshit Singhal	Software
DEATHEATERS_07	Ruchir Bisht	Software
DEMOLITION SQUAD	Pram Udar	WaitlistHW
HEXACORE	Prerna Jain	Software
MAHAVIRA	Lagan Jain	Hardware
MISFITS	Vastal Gupta	Software
NOOBMASTER	Arushi Sondhi	WaitlistSW
OPTIMAL PRIME	Nitin Mittal	Software
OUTLIERS	Aman Kumar	WaitlistHW
PIKA PIKA	Arushi Sharma	WaitlistSW
PREDATOR	Tushar Garg	Hardware
TEAMKAVACH	Parth Arora	Hardware
TEAMX	Mohd. Zeeshan	Software
TECHSTACK	Nimisha Mittal	Software
TERAHERTZ	Abhinav Malhotra	Hardware



CONVOCATION 2020

Maharaja Agrasen Institute of Technology organised Convocation on 28th February 2020. Governor of Assam Prof. Jagdish Mukhi was the chief guest. Meritorious students were felicitated.



WORKSHOPS AND SEMINARS

A One-day workshop on “**Python**” was organized by the Department of CSE in association with **APSMIND Technology Pvt. Ltd** on 20th February 2020 by CSE Department.

It was scheduled from 10:30 am to 4:00 pm for all the students of the institute in Lab 131-132, Block 1.

Workshop started with the motivational talk by **Mr. Amit Gupta**, director, Apsmind. **Mr. Chander Mohan Pundhir**, senior corporate trainer discussed basics of Python, followed by hands on programming in Python. In post lunch session, overview of machine learning using python was discussed.

Total 39 Students attended the workshop. Speaker was open to questions, thereby making the session more interesting and interactive.

Our Faculty, **Dr. Pooja Gupta**, coordinated the entire workshop along with students’ coordinators **Aman Kumar and Tanya**.

Department of Computer Science and Engineering, MAIT, in association with IIT Bombay, conducted a workshop on **C and C++** on 29 February 2020 at the institute for the **faculties**.



STUDENT’S ACHIEVEMENTS



SHUBHAM BANSAL
CAT = 98.68 PERCENTILE
GRE = 324
TOEFL = 107



MUKUL SHARMA
GATE RANK= 70
PERCENTILE= 99.92
GATE SCORE =869



SAMYAK JAIN
CAT = 98.23 PERCENTILE



ANANT KEDIA
CAT = 99.83 PERCENTILE



SAGAR TYAGI
GATE RANK= 178
GATE SCORE =818

of **CSE** DEPARTMENT

Department of Computer Science and Engineering, Maharaja Agrasen Institute of Technology organized international conference on “**Smart Sustainable Intelligent Computing and Applications**” under Innovative Trends in Engineering Technology and Management (ICITETM 2020) at the institute from **4-6 Feb, 2020**. The focus of the conference was on current developments in the field of engineering technology, involving sustainable intelligent computing and related aspects. Total 230+ papers were submitted from around the globe and based on the review outcomes, around 35% papers were accepted in the conference for publications in **Elsevier Procedia Computer Science** and **Wiley-Scrivener** handbook titled “**Sustainable Intelligent Computing Systems**”.

At the inauguration, **Dr.Nand Kishore Garg** (Founder Chairman and Chief Advisor, MATES). **Prof. Neelam Sharma** (Director, MAIT) and **Prof. Namita Gupta** (HoD CSE, Conference Chair) welcomed all the participants. **Prof. K K Aggarwal** (Chairperson, NBA) who was the Chief Guest and Keynote Speaker, spoke about the sustainability and smartness of a device and their optimal balance. **Prof. Zdzislaw Polkowski**, Jan Wyżykowski University, Poland, who has been promoting researches in India, expressed his views on **Latest trends in Smart Sustainable Intelligent Computing and Applications**. **Prof Arvinder Kaur**, Dean, USICT, GGSIPU and **Prof P.S.Grover**, Ex-Professor DU, graced the occasion and blessed the students, sharing their vast experiences.



“Intellectual Property Rights and Innovation” Workshop

An IPR workshop on “**Intellectual Property Rights and Innovation**” was scheduled on the third day of the conference (6th Feb, 2020) to impart awareness about the issue of Intellectual Property Right among the students and researchers.

Dr. A.K Garg, (Scientist 'F' and Director, MeitY) who was the inaugural speaker talked on Start-ups and their related Issues and Challenges.

Mr. Akshay Bhargava, (Senior Consultant, TCS) discussed challenges of IPR and their implementation in start-ups.

Mr. Avinash Kumar (Associate Director, IPR, DRDO) discussed in detail about understanding role of Intellectual Property Rights in R&D.



Maharaja Agrasen Institute of Technology thanked **EIL, DRDO and CSIR** for being “Financial Sponsors” of the conference,

TCS and MATIC Networks for being “Industry Partners”.

Ministry of Electronics and Information Technology, CSI, ISTE, ISTA for being “Technical Partners”.

Guru Gobind Singh Indraprastha University, Delhi and **Jan Wyżykowski University, Poland** for being “Academic Partners” of the conference.

TRACK 1

“Machine Vision, Pattern Analysis and Image Processing”

It was scheduled on 4th Feb 2020 and was chaired by Prof. Smriti Srivastava (NSUT, Delhi) and co-chaired by Dr. Pooja Gupta and Dr. Monika Gupta (MAIT, Delhi), followed by an invited talk by Prof. M.P.S.Bhatia (NSUT, Delhi). Best paper award was given to Nitesh Trivedi and Prof. Anurag Singh (NIT, Delhi) for their paper titled “Efficient Influence Maximization in Social Networks Under Independent Cascade Model”.



TRACK 2

“Disruptive Technologies for Future Sustainability”

It was scheduled on 5th February 2020 and was chaired by Prof. Zdzislaw Polkowski (Jan Wyżkowski University, Poland) and co-chaired by Mr Yogesh Sharma (MAIT, Delhi) followed by an invited talk of Mr. Sandeep Nailwal (Co-founder & COO, Matic Networks). Best paper award was given to Djeane Debora Onthoni, Chieh-Peng Lin and Prasan Kumar Sahoo (Taiwan) for their paper titled “Machine Learning Assisted Performance Analysis of Customer Churn Prediction using Customer Relationship Management Big Data”.



TRACK 3

“Advanced Trends in Computational Intelligence and Data Analytics”

It was scheduled on 5th Feb 2020 and was chaired by Dr. Akshi Kumar (DTU, Delhi) and Ms. Ruchi Goel (MAIT, Delhi). Best paper award was given to Saurabh Sangwan and Prof. M.P.S Bhatia (NSUT, Delhi) for their paper titled “Denigration Bullying Resolution using Wolf Search Optimized Online Reputation Rumour Detection”.



“Futuristic Communication Technologies”

TRACK 4

It was scheduled on 5th February 2020 and was chaired by Dr. Ashish Payal (GGSIPU, Delhi) and co-chaired by Mr. Ashish Sharma (MAIT, Delhi). Best paper award was given to Syed Zohra and Mohammad Ahsan Chishti (NIT, Srinagar) for their paper titled “Packet Header Compression in the Internet of Things”.



Anmol Handa



Anmol Handa is an alumnus of MAIT- CSE batch of 2015. In July'15, Anmol got an opportunity from Mindtree Ltd. to start his career as a Full Stack Engineer at their Bangalore headquarters. He defines his experience at Mindtree as unforgettable and cherishing. Exposure to cutting-edge technologies including Cloud, Blockchain and IoT allowed him to explore his interest early in career. After completing two years at Mindtree, he decided to utilize his technical skills and further developed functional and soft skills to grow as a professional. Therefore, a decision was taken by him to pursue his master's in Information Science from United States.

Getting a 311 GRE Score allowed him to get multiple admits for the master's program. Syracuse University was his final choice based on the reputation of its program and presence in the States.

He completed his Master's in Information Science in May'19 with a specialization in Data Science and Blockchain from the Syracuse University (Go orange!!). During the two years at the University (2017-2019), SU privileged him to work as a Blockchain Teaching Assistant for helping students build technical and business expertise around distributed databases and cryptographic solutions.

After the completion of his master's, he joined Deloitte Consulting as a Technology Consultant in its US Headquarters, New York. At Deloitte, his first engagement was in the financial sector, allowing him to build an expertise around the migration strategy and functional transformation for a large-scale project. During this journey, his techno-social skills have nurtured exponentially under the mentorship of multiple industry leaders. All these experiences transformed him into a mature speaker and a seasoned professional.

Anmol's team was declared as the winner at call for Code Hackathon, organized at Syracuse University in partnership with IBM and Blackstone Launchpad. The idea was to implement a decentralized disaster relief platform leveraging IBM's Blockchain and bring transparency in funding and charity.



Nipun Agrawal



Nipun Agrawal completed his UG from Maharaja Agrasen Institute of Technology in 2016 in computer science. He got placed in Vinsol as a Software Engineer through campus placement at the end of his 3rd year. He worked there for 2 months as Ruby on Rails developer, where he identified his areas of interest, which were machine learning, data science and cloud computing. He then grabbed an opportunity to work with Radical Logix, where he worked on ERP based cloud solutions and machine learning models for data driven decision making. His introduction to these subjects as a part of the coursework and projects during his undergrad at MAIT helped gave him a big head start.

His yearning for learning grew and he decided to pursue master's in computer science. He simultaneously prepared for Graduate Record Examination (GRE). Multi-tasking came to him naturally, as he had skillfully balanced his academics, final year projects, interview preparation and headed and organized MAIT's cultural leg of the annual fest, Mridang, part of TechSurge and Mridang (TnM) 2016. Nipun achieved a score of 317/340 in GRE and secured offers from various reputed universities in the US and finally chose the University of Illinois, Chicago (UIC) to pursue his masters in 2017.

Nipun's study was focused on machine learning, artificial intelligence, cloud and distributed computing. He juggled 3 courses, an on-campus job and preparation for job interviews every semester. In addition, he developed a data-driven website for UIC's Academic Computing and Communications Center, within his capacity as a Graduate Assistant (GA).

During his master's at UIC, Nipun secured an internship offer with Excel Techies, Atlanta, where he created recommendation systems, ideated database schemas, and deployed them to Azure cloud. He also handled business communications for the company.

Nipun completed his master's with a brilliant GPA of 3.8/4.0 in 2019. His intelligence, perseverance and determination landed him a job as a Software Development Engineer at Amazon headquarters in Seattle, USA. He currently works in Amazon Web Services (AWS) division and his team is focused on Kinesis Analytics. Nipun has grown to be a competent, confident professional and an all-rounder personality. He attributes his wonderful experiences to the journey which started at his undergraduate alma mater, MAIT.

STUDENTS PURSUING HIGHER EDUCATION

MASTERS

MSc

PG IN MANAGEMENT

MBA

LLB

M.TECH

NAME	BATCH IN MAIT	COLLEGE/ UNIVERSITY
Lakshay Piplani	2012-2016	University of Southern California
Shubham Puri	2014-2018	University of Illinois
Akansha Goel	2015-2019	Technical University of Munich
Shubham Gupta	2015-2019	University College Dublin
Rishabh Bhardwaj	2015-2019	Management Development Institute (MDI) Gurgaon
Jaskirat Singh Bindra	2015-2019	IIM Visakhapatnam
Prashansa Khandelwal	2015-2019	IIM Kozhikode
Tushar Aggarwal	2014-2018	SJMSOM, IIT Bombay
Amogh Jain	2014-2018	Management Development Institute(MDI)Gurgaon
Kushagra Aggarwal	2015-2019	IIT Delhi
Vansh Mittal	2015-2019	IMT Ghaziabad
Raghav Gupta	2014-2018	University of Delhi
Deepak Kumar Meena	2015-2019	NITK, SURATHKAL
Manik Gupta	2015-2019	IIIT Hyderabad

